



# Silicones, Inc.

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*RTV-2 Silicones Since 1974*

## GI-184B / GI-Thixotropic Activator

### Product Information

#### General Information

**GI-184B** is a high strength, tin-catalyzed, RTV-2 silicone rubber, that can be made thixotropic (*non-flowing*) with the use of **GI-Thixotropic Activator**. It has a small amount of flow to allow for some air release when poured, trowelled, brushed or sprayed onto the pattern. It will attain sufficient thixotropy to build enough wall thickness for a good skin mold. **GI-184B** has been designed to work with silicone rubber spray equipment.

**GI-184B** can be used with other **GI Activators** to give good flow characteristics so an initial skin coat may be applied over the pattern to eliminate any trapped air at the mold surface. Generally, the quick curing Activators (**GI-Fast Catalyst** or **GI-Ultra Fast Catalyst**) are used for this prime coat. **GI-184** can be used with **GI-1000A**, **GI-179A**, **GI-800A** or **GI-2020A** to pour conventional molds (all mixed 100 to 10 by weight). **GI-184** is not sensitive to inhibition, meaning it will cure at room temperature over virtually any surface. **GI-184** is extremely useful for vertical or overhead applications where superior mechanical properties are required.

#### Typical Properties

Uncatalyzed Compound	GI-184B	GI-Thixotropic A	GI-1000A	GI-179A
Color	White	Blue	Blue	Teal
Viscosity (cps)	85 - 95,000	400 - 600	300 - 400	300 - 400
Working Time (hours)	1½ to 2	¾ to 1	1½ to 2	½ to ¾
Cure Time (hours)	16 to 18	16 to 18	16 to 18	16 to 18
Shelf Life (months)	6	6	6	6

#### Vulcanized (cured) Properties (7 days @ 70° F / 50% relative humidity)

Shore A Hardness (±4)	20	26	23
Tear Resistance (ASTM D624), ± 10 ppi	90	95	100
Tensile Strength (ASTM D412), ± 25 psi	380	400	380
Elongation (ASTM D412), ± 25 %	450	400	540
Shrinkage, %	0.10	0.10	0.10
Specific Gravity	1.16	1.16	1.16
Coverage (in <sup>3</sup> / lb)	23.8	23.8	23.8

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